

**LAPORAN PENELITIAN
UNGGULAN PERGURUAN TINGGI
TAHUN ANGGARAN 2012**



**PRODUKSI *equine* CHORIONIC GONADOTROPIN (eCG)
FROZEN DRY DARI SERUM KUDA BUNTING LOKAL
UNTUK PENINGKATAN KEBUNTINGAN
SAPI MADURA**

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SURABAYA**

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Production of *equine* Chorionic Gonadotrophin (eCG) Frozen Dry from Horses Pregnant Mares Sera.

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ABSTRACT

The aim of this research was to produce eCG from the pregnant mares sera. This study identified eCG by conformation of the glycoprotein characteristic. the pregnant mares sera were collected from 4 horses. The protein filtrated by using sephadex G-100. The result of SDS-PAGE with protein bands ranged between 65, 55 and 28 kDa and continued of western blot and dot blot revealed immunoreactivity by monoclonal antibody of eCG of the 55 kDa bands. The cocentration of eCG 5.12501 mIU/ml by indirect elisa

The result of product *eCG* it can be *frozen dry eCG*.

Key word : Pregnant mares sera, eCG and *frozen dry eCG*.

Out Put : International seminar on June 2012